



# Standby Power as an Environmental Attribute

Briefing to DLA Joint Group on Environmental  
Attributes

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by

Alison Thomas

Tom Morehouse

Federal Energy Management Program



U.S. Department of Energy

**Office of Energy Efficiency and Renewable Energy**

Bringing you a prosperous future where energy is  
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# DLA Process for Establishing an Environmental Attribute

- Determine if Proposed Attribute Meets Criteria to Become an Attribute
  - Be a policy priority
  - Be clearly definable
  - Show a life-cycle savings
- Present to Joint Group on Environmental Attribute
- Vote by Joint Group
- Implement in Federal Logistics Information System



# Policy Priority

## Signed Executive Order 13221 - July 2001

“Each agency, when it purchases commercially available, off-the-shelf products that use external standby power devices, or that contain an internal standby power function, **shall** purchase products that use no more than one watt in their standby power consuming mode.”

- OFEE to coordinate among environmental Executive Orders - August 02

Clear Policy  
Priority



# Clear Definition

- Definition established by unambiguous list – easy for catalogers and product centers to implement for specific product categories and products
  - “The Department of Energy, in consultation with the **Department of Defense** and the General Services Administration, shall compile a preliminary list of products to be subject to these requirements.” – EO 13221
- FEMP has recommended levels for 10 product types (office equipment, audio-video, other)
- Model-specific list at [http://www.eren.doe.gov/femp/resources/standby\\_power.html](http://www.eren.doe.gov/femp/resources/standby_power.html)
- 15-20 additional product types under consideration
- Energy Star web site will soon include standby data

Clear  
Definition



# Life-Cycle Savings

- DoD Cost-Benefit
  - Zero cost to DoD - no identifiable difference in retail price for low-standby power products
  - About \$2M savings in electricity bills
- National Benefit
  - Market leverage - nationwide savings about \$200 M/year after 5 years
  - Standby power is almost 7% of residential energy consumption - about 26 average-size power plants

**Clear Life Cycle  
Savings**



# Next Steps

- November 13, 2002 Joint Group votes on Standby Power
- If approved
  - FEMP provides DLA with list of low-standby products
  - DLA establish ENAC and identifies products in FLIS
    - Preliminary survey indicates DLA sells many of the low standby items listed by FEMP and Energy Star
  - Develop mechanism for FEMP-Energy Star to consult with DoD to develop product list, as required by EO
  - FEMP could work with DLA to develop awareness campaign